

Appendix A
Supporting Data
2007 PLOO Stations
Microbiology

Appendix A.1

Summary of samples with elevated total coliform concentrations (> 1000 CFU/100 mL) collected at PLOO offshore water quality stations sampled in 2007. Values are expressed as CFU/100 mL; Total = total coliform; Fecal = fecal coliform; Entero = enterococcus; F:T = fecal to total coliform ratio.

Date	Station	Sample depth (m)	Total	Fecal	Entero	F:T
January 9	F19	80	>16,000	2400	340	0.15
January 9	F20	60	>16,000	1200	40	0.08
January 9	F20	80	>16,000	980	40	0.06
January 9	F21	60	2800	380	50	0.14
January 9	F21	80	2400	960	200	0.40
January 9	F22	80	2000	280	88	0.14
January 9	F30	60	1800	240	60	0.13
January 9	F30	80	>16,000	6400	740	0.40
January 9	F31	80	12,000	3800	500	0.32
January 9	F32	80	>16,000	3000	400	0.19
January 9	F33	80	1200	260	58	0.22
January 10	F18	80	1800	300	140	0.17
January 10	F26	80	1000	100	64	0.10
January 10	F27	80	1300	460	110	0.35
January 10	F27	98	1500	440	120	0.29
January 10	F28	60	1200	110	42	0.09
January 10	F28	80	5600	600	120	0.11
January 10	F29	80	7200	1200	280	0.17
January 19	F23	80	7400	1300	240	0.18
January 19	F25	80	1000	64	44	0.06
January 19	F34	80	7000	1200	220	0.17
January 19	F35	80	1000	64	50	0.06
January 19	F35	98	1600	220	50	0.14
April 9	F23	60	1000	240	14	0.24
April 9	F23	80	12,000	2600	320	0.22
April 9	F24	80	9000	4000	240	0.44
April 9	F25	80	5600	1100	160	0.20
April 9	F34	98	2600	680	56	0.26
April 11	F10	60	2400	340	2	0.14
April 11	F19	60	1400	180	66	0.13
April 11	F20	60	9000	2200	300	0.24
April 11	F20	80	3000	300	66	0.10
April 11	F21	80	5000	1600	220	0.32
April 11	F22	80	6400	760	94	0.12
April 11	F30	60	>16,000	7200	660	0.45
April 11	F30	80	>16,000	3400	580	0.21
April 11	F30	98	1300	160	56	0.12
April 11	F31	98	3200	420	72	0.13
April 11	F32	80	1200	300	32	0.25
April 11	F32	98	2000	380	34	0.19
April 11	F33	98	1300	240	36	0.18
April 17	F16	25	4400	760	150	0.17
April 17	F17	1	2800	520	110	0.19
April 17	F17	25	4600	1100	300	0.24
April 17	F18	80	13,000	2400	260	0.18
April 17	F27	60	1100	200	20	0.18
April 17	F28	60	14,000	1100	500	0.08

Appendix A.1 *continued*

Date	Station	Sample depth (m)	Total	Fecal	Entero	F:T
April 17	F28	80	1000	86	28	0.09
April 17	F29	60	>16,000	2000	280	0.13
April 17	F29	80	1200	92	28	0.08
July 2	F23	60	15,000	4200	300	0.28
July 2	F24	80	1600	160	52	0.10
July 2	F25	60	2600	520	120	0.20
July 2	F25	80	2400	340	48	0.14
July 2	F34	60	18,000	1800	640	0.10
July 2	F35	60	2400	340	38	0.14
July 2	F36	60	7200	960	130	0.13
July 3	F20	80	2400	300	42	0.13
July 3	F22	80	3400	500	68	0.15
July 3	F32	60	>16,000	6000	720	0.38
July 3	F33	60	12,000	2000	500	0.17
July 5	F29	80	6200	1600	44	0.26
October 9	F08	1	1400	140	6	0.10
October 9	F09	60	1400	200	54	0.14
October 9	F19	80	1000	240	38	0.24
October 9	F30	98	4800	860	48	0.18
October 10	F15	80	5400	1200	280	0.22
October 10	F17	80	1200	100	66	0.08
October 10	F27	80	1300	240	14	0.18
October 10	F28	80	8400	800	200	0.10
October 10	F28	98	6200	1400	180	0.23
October 10	F29	80	5600	720	30	0.13
October 10	F29	98	>16,000	4800	200	0.30

Appendix A.2 *continued*

60-Day fecal coliform standard

Month	# days	D4	D5	D7	D8	D9	D10	D11	D12
January	31	0	0	0	22	0	0	0	0
February	28	0	0	0	0	0	0	0	0
March	31	0	0	0	0	0	0	0	0
April	30	0	0	0	0	0	0	0	0
May	31	0	0	0	0	0	0	0	0
June	30	0	0	0	0	0	0	0	0
July	31	0	0	0	0	0	0	0	0
August	31	0	0	0	0	0	0	0	0
September	30	0	0	0	0	0	0	0	0
October	31	0	0	0	18	0	0	0	0
November	30	0	0	0	30	0	0	0	0
December	31	0	0	0	12	0	0	29	0
Percent compliance		100%	100%	100%	78%	100%	100%	92%	100%

Fecal geometric mean standard

Month	# days	D4	D5	D7	D8	D9	D10	D11	D12
January	31	0	0	0	0	0	0	0	0
February	28	0	0	0	0	0	0	0	0
March	31	0	0	0	0	0	0	0	0
April	30	0	0	0	0	0	0	0	0
May	31	0	0	0	0	0	0	0	0
June	30	0	0	0	0	0	0	0	0
July	31	0	0	0	0	0	0	0	0
August	31	0	0	0	0	0	0	0	0
September	30	0	0	0	0	0	0	0	0
October	31	0	0	0	12	0	0	0	0
November	30	0	0	0	18	0	0	0	0
December	31	0	0	0	0	0	0	0	0
Percent compliance		100%	100%	100%	92%	100%	100%	100%	100%

Appendix A.3 *continued*

60-Day fecal coliform standard

[illegible]

Fecal geometric mean standard

[illegible]